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Oscillating Motor for a Camshaft Adjusting Device

Abstract

An oscillating motor for a camshaft adjusting device has a stator and a rotor mounted so as to be rotatable relative to one another. The stator has an inner wall and radially extending stator vanes connected to the inner wall. The rotor has a base member and radially extending rotor vanes connected to the base member. The rotor vanes have an end face, respectively, resting against the inner wall of the stator. The stator vanes have an end face, respectively, resting against a peripheral wall of the base member. The rotor vanes taper discontinuously from the end face of the rotor vanes, respectively, in a direction toward the base member so that the rotor vanes each have a widened section at the end face, respectively.